6. A_Six - BubbaSpice

Program Name: A_Six.java   Input File: a_six.dat

Bubba Gump's Spice Shop is old school. Bubba has been keeping track of price changes on a particular product all year - his secret spice packet called BubbaSpice for boiled shrimp - and needs to see a report of all of these changes, in chronological order. He's been keeping a record of all changes on note cards, and is not real sure of the accuracy, but is pretty sure if all could be compiled into one report, he would have a true picture of the price changes.

For example, the first price of $5.00 was set for period from January 1, 2016 to June 30 of the same year. It shows on the card as "**1/1 6/30 5.00**". The next card shows "**2/1 3/15 5.21**", which means that during that time period, he raised the price to $5.21, but it reverted back down to $5.00 after that, from March 16 to June 30. Needless to say, he is very confused and needs your help.

Given the data as shown below, with each data set showing a starting date, ending date, and price, generate a listing after each card is entered into the mix, of the sequence of price ranges from the first date to the last date of record.

The sample output below shows the correct sequence given the sample input data.

Input: Several data sets, each on one line, consisting of two dates in "**m/d**" format representing the starting and ending date of a price, followed by the price for that date range. The starting date will always be January 1, 2016, and the ending date will be on or before December 31, 2016.

Output: A complete chronological report after each data set of the known starting date of all price changes seen up to this data set. The word END should be displayed after the final date in the date range, with a single blank line following each report, formatted as shown.

Sample Input:
```
1/1 6/30 5.00
2/1 3/15 5.21
3/16 6/30 5.75
2/22 3/16 5.16
```

Sample Output:
```
01/01/16 $5.00
06/30/16 END

01/01/16 $5.00
02/01/16 $5.21
03/16/16 $5.00
06/30/16 END

01/01/16 $5.00
02/01/16 $5.21
03/16/16 $5.75
06/30/16 END

01/01/16 $5.00
02/01/16 $5.21
02/22/16 $5.16
03/17/16 $5.75
06/30/16 END
```